

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/579,286
Source: IFWp
Date Processed by STIC: 5/24/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/24/2006

PATENT APPLICATION: US/10/579,286

TIME: 12:21:38

Input Set : A:\39618a.txt

Output Set: N:\CRF4\05242006\J579286.raw

3 <110> APPLICANT: ANDREEV, et al.

5 <120> TITLE OF INVENTION: METHODS FOR IDENTIFYING MODULATORS OF ACTIVE KIT
TYROSINE KINASE

6 RECEPTOR

8 <130> FILE REFERENCE: 30694/39618A

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/579,286

C--> 10 <141> CURRENT FILING DATE: 2006-05-15

10 <150> PRIOR APPLICATION NUMBER: US 60/526,930

11 <151> PRIOR FILING DATE: 2003-12-04

13 <160> NUMBER OF SEQ ID NOS: 6

15 <170> SOFTWARE: PatentIn version 3.2

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 5084

19 <212> TYPE: DNA

20 <213> ORGANISM: Homo sapiens

22 <220> FEATURE:

23 <221> NAME/KEY: CDS

24 <222> LOCATION: (22)..(2952)

26 <400> SEQUENCE: 1

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31 ctc tgc gtt ctg ctc cta ctg ctt cgc gtc cag aca ggc tct tct caa      99
32 Leu Cys Val Leu Leu Leu Leu Arg Val Gln Thr Gly Ser Ser Gln
33                               15                               20                               25
35 cca tct gtg agt cca ggg gaa ccg tct cca tcc atc cat cca gga      147
36 Pro Ser Val Ser Pro Gly Glu Pro Ser Pro Pro Ser Ile His Pro Gly
37                               30                               35                               40
39 aaa tca gac tta ata gtc cgc gtg ggc gac gag att agg ctg tta tgc      195
40 Lys Ser Asp Leu Ile Val Arg Val Gly Asp Glu Ile Arg Leu Leu Cys
41                               45                               50                               55
43 act gat ccg ggc ttt gtc aaa tgg act ttt gag atc ctg gat gaa acg      243
44 Thr Asp Pro Gly Phe Val Lys Trp Thr Phe Glu Ile Leu Asp Glu Thr
45                               60                               65                               70
47 aat gag aat aag cag aat gaa tgg atc acg gaa aag gca gaa gcc acc      291
48 Asn Glu Asn Lys Gln Asn Glu Trp Ile Thr Glu Lys Ala Glu Ala Thr
49 75                               80                               85                               90
51 aac acc ggc aaa tac acg tgc acc aac aaa cac ggc tta agc aat tcc      339
52 Asn Thr Gly Lys Tyr Thr Cys Thr Asn Lys His Gly Leu Ser Asn Ser
53                               95                               100                               105
55 att tat gtg ttt gtt aga gat cct gcc aag ctt ttc ctt gtt gac cgc      387
56 Ile Tyr Val Phe Val Arg Asp Pro Ala Lys Leu Phe Leu Val Asp Arg
57                               110                               115                               120
59 tcc ttg tat ggg aaa gaa gac aac gac acg ctg gtc cgc tgt cct ctc      435

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121			365					370						375			
123	cta	acg	aga	tta	aaa	ggc	acc	gaa	gga	ggc	act	tac	aca	ttc	cta	gtg	1203
124	Leu	Thr	Arg	Leu	Lys	Gly	Thr	Glu	Gly	Gly	Thr	Tyr	Thr	Phe	Leu	Val	

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131	aca aaa cca gaa atc ctg act tac gac agg ctc gtg aat ggc atg ctc	1299		
132	Thr Lys Pro Glu Ile Leu Thr Tyr Asp Arg Leu Val Asn Gly Met Leu			
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135	caa tgt gtg gca gca gga ttc cca gag ccc aca ata gat tgg tat ttt	1347		
136	Gln Cys Val Ala Ala Gly Phe Pro Glu Pro Thr Ile Asp Trp Tyr Phe			
137	430 435 440			
139	tgt cca gga act gag cag aga tgc tct gct tct gta ctg cca gtg gat	1395		
140	Cys Pro Gly Thr Glu Gln Arg Cys Ser Ala Ser Val Leu Pro Val Asp			
141	445 450 455			
143	gtg cag aca cta aac tca tct ggg cca ccg ttt gga aag cta gtg gtt	1443		
144	Val Gln Thr Leu Asn Ser Ser Gly Pro Pro Phe Gly Lys Leu Val Val			
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147	cag agt tct ata gat tct agt gca ttc aag cac aat ggc acg gtt gaa	1491		
148	Gln Ser Ser Ile Asp Ser Ser Ala Phe Lys His Asn Gly Thr Val Glu			
149	475 480 485 490			
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152	Cys Lys Ala Tyr Asn Asp Val Gly Lys Thr Ser Ala Tyr Phe Asn Phe			
153	495 500 505			
155	gca ttt aaa ggt aac aac aaa gag caa atc cat ccc cac acc ctg ttc	1587		
156	Ala Phe Lys Gly Asn Asn Lys Glu Gln Ile His Pro His Thr Leu Phe			
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163	att gtg atg att ctg acc tac aaa tat tta cag aaa ccc atg tat gaa	1683		
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167	gta cag tgg aag gtt gtt gag gag ata aat gga aac aat tat gtt tac	1731		
168	Val Gln Trp Lys Val Val Glu Glu Ile Asn Gly Asn Asn Tyr Val Tyr			
169	555 560 565 570			
171	ata gac cca aca caa ctt cct tat gat cac aaa tgg gag ttt ccc aga	1779		
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173	575 580 585			
175	aac agg ctg agt ttt ggg aaa acc ctg ggt gct gga gct ttc ggg aag	1827		
176	Asn Arg Leu Ser Phe Gly Lys Thr Leu Gly Ala Gly Ala Phe Gly Lys			
177	590 595 600			
179	gtt gtt gag gca act gct tat ggc tta att aag tca gat gcg gcc atg	1875		
180	Val Val Glu Ala Thr Ala Tyr Gly Leu Ile Lys Ser Asp Ala Ala Met			
181	605 610 615			
183	act gtc gct gta aag atg ctc aag ccg agt gcc cat ttg aca gaa cgg	1923		
184	Thr Val Ala Val Lys Met Leu Lys Pro Ser Ala His Leu Thr Glu Arg			
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187	gaa gcc ctc atg tct gaa ctc aaa gtc ctg agt tac ctt ggt aat cac	1971		
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196	Leu	Val	Ile	Thr	Glu	Tyr	Cys	Cys	Tyr	Gly	Asp	Leu	Leu	Asn	Phe	Leu	
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203	gaa	gct	gca	ctt	tat	aag	aat	ctt	ctg	cat	tca	aag	gag	tct	tcc	tgc	2163
204	Glu	Ala	Ala	Leu	Tyr	Lys	Asn	Leu	Leu	His	Ser	Lys	Glu	Ser	Ser	Cys	
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221		765					770					775					
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244	Leu	Trp	Glu	Leu	Phe	Ser	Leu	Gly	Ser	Ser	Pro	Tyr	Pro	Gly	Met	Pro	
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263	tta	gca	aac	tgc	agc	ccc	aac	cga	cag	aag	ccc	gtg	gta	gac	cat	tct	2883
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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date